USER'S MANUAL

***Twin*Split®, *Quad*Split®, *Hexi*Split®**
***Octo*Split®, *Deci*Split® for VGA**

55 Cabot Court, Hauppauge, NY 11788
Tel: (631) 273-0404 Fax: (631) 273-1638
www.commspecial.com

Communications Specialties Pte Ltd
Singapore
Tel: +65 6391 8790 Fax: +65 6396 0138

Introduction

Thank you for purchasing this fine distribution amplifier (splitter) for VGA-based computers. Depending on which model you purchased, this splitter will allow you to display your VGA computer video on up to 10 monitors simultaneously. Each monitor can be located up to 250 feet away from the computer.

This product is supplied with the following components:

1 TwinSplit, QuadSplit, HexiSplit, OctoSplit or DeciSplit for VGA

1 6 ft. input VGA cable

1 Power Supply
(a power cord may also be included on all models except North American TwinSplit and QuadSplit models)

1 User's Manual and Product Registration card

Key features of these splitters are:

- 300 MHz bandwidth
- Supports H & V sync, composite sync, sync-on-green, sync-on-RGB and 75 ohm sync loads.

P/N 101189 Rev D

TwinSplit, QuadSplit, HexiSplit, OctoSplit and DeciSplit are registered trademarks of Communications Specialties, Inc.

Installation

1. Connect the provided 6 ft. VGA cable to both the VGA output of the computer and the connector on the rear of the splitter marked VGA IN. (If your VGA monitor is currently connected to the VGA output of the computer, you must first disconnect it.)
2. Connect your primary monitor (the one you just disconnected) to the output on the rear of the splitter marked MONITOR 1.
3. Connect the additional monitor(s) to the remaining monitor outputs on the rear of the splitter. Monitor extension cables (CAB-19) may be used to extend the distance up to 250 feet. (See Cable Length Support section on opposite page.)
4. Plug the power supply into the jack on the rear of the splitter marked POWER.
5. Plug the power supply into a 110 Vac or 220 Vac wall outlet as appropriate. The front panel LED should glow red indicating the unit is properly powered.
6. Turn on the computer and the monitor(s). All monitors will now display the computer's output.
7. ***Make sure all monitor type DIP switches are in the UP ↑ position.*** This will ensure that the monitor ID bits are read from the monitor plugged into MONITOR 1. If you want to explicitly set the monitor type ID bits, either because no monitor is plugged into this output or because the monitor plugged into MONITOR 1 is connected through an extension cable that does not convey the monitor ID bits, then set the DIP switch as indicated on *Chart 1*.

Cable Length Supported

The maximum distance a monitor can be from the splitter output will depend on the quality of the extension cable being used and the pixel resolution of the VGA image coming from the computer. ***Never use twisted pair cable for monitor extension cable as this will cause "ghosting" to be seen on the***

monitor. *Chart 2* lists maximum cable length support of CSI's CAB-19 cable at various VGA resolutions.

Troubleshooting

If one or two colors are missing on one of the VGA monitors, make sure all connections to the splitter are secure by tightening the connectors.

If you experience any other difficulties or have further questions, we provide free technical support Monday through Friday, 8:30-5:00 ET, at (516)273-0404.

Chart 1

1	2	3	4	Monitor Type
↓	↑	↓	↑	Color VGA and XGA
↓	↓	↑	↑	Monochrome VGA
↑	↑	↓	↑	8514/A Type

Note: For XGA-2 type monitors and other *intelligent* monitors, place ALL switches ***UP*** ↑ to ensure the monitor connected to **MONITOR 1** can talk to the VGA or XGA-2 card.

Chart 2

Pixel Format	Maximum Cable Length (feet)
640 x 480 @ 60 Hz	250
640 x 480 @ 75 Hz	175
800 x 600 @ 60 Hz	200
800 x 600 @ 75 Hz	150
1024 x 768 @ 60 Hz	175
1024 x 768 @ 75 Hz	125
1280 x 1024 @ 75 Hz	100

FCC User Information

WARNING: This equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with the instruction manual, may cause interference to radio communications. It has been tested and found to comply with the limits for a Class A computing device pursuant to Subpart B of Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference when operated in a commercial environment. Operation of this equipment in a residential area is likely to cause interference, in which case the user at his own expense will be required to take whatever measures may be required to correct the interference.

Limited Warranty

Communications Specialties, Inc. (CSI) warrants that for a period of three years after purchase by Buyer, TwinSplit, QuadSplit, HexiSplit, OctoSplit and DeciSplit for VGA will be free from defects in material and workmanship under normal use and service. A Return Material Authorization (RMA) number must be obtained from CSI before any equipment is returned by the Buyer. All material must be shipped to CSI, Hauppauge, New York, at the expense and risk of the Buyer. Units returned to the Buyer will be shipped freight collect.

CSI's obligation under this warranty will be limited, at its option, to either repair or replacement of defective units, including free materials and labor, at its customer service facility in Hauppauge, New York. In no event shall CSI be responsible for any incidental or consequential damages or loss of profits or goodwill.

CSI shall not be obligated to replace or repair equipment damaged by fire, war, acts of God or similar causes, or equipment that has been serviced, altered, improperly installed or abused.

RMA numbers and repairs can be obtained from:

Communications Specialties Headquarters
Tel: (631) 273-0404
Fax: (631) 273-1638

CSPL, Singapore
Tel: +65 6391 8790
Fax: +65 6396 0138